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**MILWAUKEE COUNTY EMS  
RESEARCH PROTOCOL  
CONTINUOUS CHEST COMPRESSIONS  
(CCC) FOR OUT-OF-HOSPITAL CARDIAC ARREST**

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Page 1 of 1

Primary Objective	Eligibility	Exclusion Criteria
Greater coronary perfusion pressure (CPP) is associated with greater ROSC in animals and humans. Interruptions in chest compression reduce CPP with a consequent reduced chance for a successful outcome. Observational studies in humans suggest a strategy of CCC is efficacious compared to standard CPR. A randomized trial of CCC versus standard CPR is needed to understand the role of pausing for ventilation during the circulatory phase of out-of-hospital cardiac arrest.	Non-traumatic cardiac arrest -Unwitnessed -Bystander witnessed	EMS witnessed Initial treatment by non-ROC EMS agency DNR order presented Obvious trauma (blunt, burns, penetrating, exsanguinations) Obvious primary asphyxia or respiratory cause of arrest Known prisoner, pregnant or age less than 18 years

